

REMARKS

I. Rejections to Claims in the Office Action

The Office Action mailed August 4, 2005 rejects claims on the following bases:

- (1) Claims 1-4, 6, 8-18, 22, 32-35, 37, 39-50 and 63-68 were rejected under 35 U.S.C. 103(a) as being unpatentable over Vierra et al. 5,749,892 in view of Boone et al. 6,464,629;
- (2) Claims 1-4, 6, 8-18, 22 and 50-56 were rejected under 35 U.S.C. 103(a) as being unpatentable over Vierra et al. 5,749,892 in view of Zhu et al. 5,293,863;
- (3) Claim 5 was rejected under 35 U.S.C. 103(a) as being unpatentable over Vierra et al. 5,749,892 in view of Zhu et al. 5,293,863, as applied to claims 1-4, 6, 8-18, 22 and 50-56, further in view of Furnish 5,498,256;
- (4) Claims 5, 27 and 36 were rejected under 35 U.S.C. 103(a) as being unpatentable over Vierra et al. 5,749,892 in view of Boone et al. 6,464,629, as applied to claims 1-4, 6, 8-18, 22, 32-35, 37, 39-50 and 63-68, further in view of Furnish 5,498,256;
- (5) Claims 7, 29 and 38 were rejected under 35 U.S.C. 103(a) as being unpatentable over Vierra et al. 5,749,892 in view of Boone et al. 6,464,629, as applied to claims 1-4, 6, 8-18, 22, 32-35, 37, 39-50 and 63-68, further in view of Garrison et al. 5,613,937;
- (6) Claims 19-21 were rejected under 35 U.S.C. 103(a) as being unpatentable over Vierra et al. 5,749,892 in view of Boone et al. 6,464,629, as applied to claims 1-4, 6, 8-18, 22, 32-35, 37, 39-50 and 63-68, further in view of Hossain et al. 6,063,021;
- (7) Claims 19-21 were rejected under 35 U.S.C. 103(a) as being unpatentable over Vierra et al. 5,749,892 in view of Zhu et al. 5,293,863, as applied to claims 1-4, 6, 8-18, 22 and 50-56, further in view of Hossain et al. 6,063,021;
- (8) Claims 23-26, 28, 30-35, 37, 39-50 and 57-68 were rejected under 35 U.S.C. 103(a) as being unpatentable over Vierra et al. 5,749,892 in view of Zhu et al. 5,293,863, further in view of Goldstein 4,635,636;
- (9) Claims 27 and 36 were rejected under 35 U.S.C. 103(a) as being unpatentable over Vierra et al. 5,749,892 in view of Zhu et al. 5,293,863 and Goldstein

4,635,636, as applied to claims 23-26, 28, 30-35, 37, 39-50 and 57-68, further in view of Furnish 5,498,256; and

- (10) Claims 29 and 38 were rejected under 35 U.S.C. 103(a) as being unpatentable over Vierra et al. 5,749,892 in view of Zhu et al. 5,293,863 and Goldstein 4,635,636, as applied to claims 23-26, 28, 30-35, 37, 39-50 and 57-68, further in view of Garrison et al. 5,613,937.

Each of the foregoing rejections is responded to below, where each response references the number corresponding to each rejection set forth above.

II. Response to Rejections Made in the Office Action

- (1) Claims 1-4, 6, 8-18, 22, 32-35, 37, 39-50 and 63-68 are not obvious under 35 U.S.C. 103(a) over Vierra et al. 5,749,892 in view of Boone et al. 6,464,629.

The Office Action stated claims 1-4, 6, 8-18, 22, 32-35, 37, 39-50 and 63-68 were not patentable under 35 U.S.C. 103(a) over Vierra et al. 5,749,892 in view of Boone et al. 6,464,629. The examiner noted that Boone et al. only qualifies as art under 35 U.S.C. 102(e). As such, based on the provisions of 35 YSC 103c, if applicant were to affirmatively state on the record that Boone et al. and the current application were commonly assigned or subject to an assignment to the same party, then the rejection based on Boone et al. would be withdrawn.

The assignments of record demonstrate that Boone et al. and the current application are both commonly assigned to the same party. The assignment for Boone et al. (U.S. Patent Application Serial No.09/396,047), naming Medtronic, Inc. as the assignee, was recorded at R10412/F0885 on November 17, 1999 at the United States Patent and Trademark Office. The assignment for the current application (U.S. Patent Application Serial No.09/678,203), naming Medtronic, Inc. as the assignee, was recorded at R012089/F0348 on August 17, 2001 at the United States Patent and Trademark Office. Therefore, the rejection based on Vierra et al. 5,749,892 in view of Boone et al. 6,464,629 should be withdrawn.

- (2) Claims 1-4, 6, 8-18, 22 and 50-56 are not obvious under 35 U.S.C. 103(a) over Vierra et al. 5,749,892 in view of Zhu et al. 5,293,863.

Vierra et al. discloses a medical device and a method of using the medical device to immobilize a portion of a stopped heart (see column 11, lines 65-66). The device includes a foot coupled to a shaft 3 at a pivot point 59 and to a rod 43 at a coupling point 49 separated from the pivot point. Axial movement of the rod via a mechanical actuator 69 with respect to the shaft rotates the foot about the pivot point. The actuator is configured to pivot the foot about the transverse axis (see column 4, lines 1-16). The foot comprises members 15 and 17 movable between an open configuration, where the arms are disposed apart in a “V” shape, and a collapsed configuration where the arms are disposed closer together in a substantially parallel configuration (see column 4, lines 23-32). The arms may be biased into the open configuration by a spring 41 (as shown in FIG. 3b), or an actuator (not shown) may be used for moving the arms between the open and collapsed configurations (see column 4, lines 32-35). In the open position, members 15 and 17 are preferably oriented at an angle between 15 and 50 degrees from each other and usually between 35 and 45 degrees (see column 7, lines 23-26). Members 15 and 17 each have a contact surface 27 for engaging tissue (see column 6, lines 58-66) and an inner surface 71 with a plurality of irrigation holes 73 (see column 8, lines 23-26). As shown in FIG. 2B, contact surface 27 and inner surface 71 of members 15 and 17 are 90 degrees relative to each other. Vierra et al. states that holes 73 are for delivering irrigation fluids to a surgical site or for suctioning fluids from a surgical site (see column 8, lines 22-38). Because holes 73 are for suctioning or delivery of fluids to a surgical site, Vierra et al. fails to show or describe any holes for engaging tissue via suction positioned along a surface adapted for engaging tissue.

Vierra et al. only discloses members 15 and 17 as being movable relative to each other between two configurations, an open configuration and a closed configuration. Vierra et al. does not disclose any positions other than open and closed. In addition, Vierra et al. only discloses members 15 and 17 being parallel to each other in the closed configuration. In the open configuration, members 15 and 17 are disclosed as being oriented at an angle relative to each other, as opposed to being oriented substantially parallel to each other. Therefore, members 15 and 17 are not disclosed as to move in a substantially parallel relationship relative to each other between an open configuration and a closed configuration.

The Office Action stated that Vierra et al. shows a device having an arm 43 and a spreader 51 connected to one end of the arm and to an actuator. There are two contact members 15 and 17 connected to the spreader, which engage tissue via friction. The contact members can be actuated from an open to a closed position via an actuator at the other end of the arm. The actuator actuates the arms to only have 2 positions, opened and closed.

According to Vierra et al. members 15 and 17 are pivotally coupled to coupling member 19 (see col. 6, lines 59-61). Proximal ends 25 of members 15 and 17 are each rotatably coupled to tongue 31 of coupling member 19 by a pin 33 (see col. 7, lines 9-12). This configuration allows members 15 and 17 to pivot between an open position, where the members 15 and 17 are disposed apart in a general V-shape to a collapsed position, where the members 15 and 17 are together and generally parallel (see col. 7, lines 12-15). In the open position, members 15 and 17 will preferably be oriented at an angle between 15 and 50 degrees from each other (see col. 7, lines 22-25).

Zhu et al. discloses a bladed endoscopic retractor for retracting tissue, internal organs, or other internal body parts to provide visualization and surgical access during endoscopic procedures. The Office Action stated that Zhu et al. shows a retractor with 2 blades that are spread apart incrementally moving a handle. According to Zhu et al. the blades, when in a non-use (closed) position, rest substantially on top of one another and along a line virtually parallel to the longitudinal axis of the body of the retractor (see col. 2, lines 64-68 and col. 3, lines 18-22). One end of the blades is connected to a vertical pin (see col. 3, lines 1-3). An actuator moves the blades radially outward in a vertical plane from the longitudinal axis of the body (see col. 3, lines 52-55). Each blade is connected to a rotatable member which allows the blade to extend from a non-use (closed) position where the blade is located primarily along a line parallel to the longitudinal axis of the body, to a retraction (open) position where the blade extends outward from the body (see col. 4, lines 1-6). The blades move radially apart from one another and extend away from the longitudinal axis of the body (see col. 4, lines 43-46 and col. 11, lines 50-53). As shown in Figures 7, 12 and 18, the blades in the open position are disposed apart in a "V" shape. Zhu et al. never discloses two blade members moving relative to each other in a parallel relationship. Further, the blades are never disclosed being parallel to each other in an open configuration. In fact, in the open configuration, the blades are disclosed as being oriented at an angle relative to each other, as opposed to being oriented parallel to each other.

Obviousness cannot be established by combining the teachings of the prior art to produce the claimed invention, absent some teaching, suggestion or incentive supporting the combination. It is respectfully submitted that one of ordinary skill in the art would not combine the disparate teachings of the two different devices, i.e., a device to stabilize tissue and a device to create surgical access, to arrive at the invention of claims 1-4, 6, 8-18, 22 and 50-56.

In addition, the Vierra et al. reference and the Zhu et al. reference together do not provide any motivation, suggestion or teaching for an actuator configured to operate a spreader to selectively control the movement of first and second tissue engaging members among a first position, a second position and a third position, wherein the first and second tissue engaging members are substantially parallel in the first position and at least one of the second and third positions as required in claims 1-4, 6, 8-18 and 51-53. Both Vierra et al. and Zhu et al. only disclose moving a pair of tissue engaging members from a closed, parallel configuration to an open, spread apart, non-parallel "V" configuration.

In addition, the Vierra et al. reference and the Zhu et al. reference together do not provide any motivation, suggestion or teaching for an actuator configured to selectively control the movement of first and second tissue engaging members among a first position and a second position, wherein the first and second tissue engaging members are substantially parallel to each other in the first position and second positions as required in claims 22 and 54-56. Both Vierra et al. and Zhu et al. only disclose moving a pair of tissue engaging members from a closed, parallel configuration to an open, spread apart, non-parallel "V" configuration.

In addition, the Vierra et al. reference and the Zhu et al. reference together do not provide any motivation, suggestion or teaching for a method of spreading a first tissue engaging member away from a second tissue engaging member while maintaining the first tissue engaging member substantially parallel to the second tissue engaging member after the first tissue engaging member has been coupled to a first tissue surface and the second tissue engaging member has been coupled to a second tissue surface to place the substantially immobilized tissue under tension within a patient's body as required in claim 50. Both Vierra et al. and Zhu et al. only disclose moving a pair of tissue engaging members from a closed, parallel configuration to an open, spread apart, non-parallel "V" configuration.

Therefore, the rejection of claims 1-4, 6, 22 and 50-56 as being unpatentable over Vierra et al. 5,749,892 in view of Zhu et al. 5,293,863 should be withdrawn.

- (3) Claim 5 is not obvious under 35 U.S.C. 103(a) over Vierra et al. 5,749,892 in view of Zhu et al. 5,293,863, as applied to claims 1-4, 6, 8-18, 22 and 50-56, further in view of Furnish 5,498,256.

Vierra et al. only discloses two members being parallel to each other in a closed configuration. In an open configuration, the members are disclosed as being preferably oriented at an angle relative to each other, as opposed to being oriented parallel to each other. Therefore, the two members are not disclosed as to move in a parallel relationship to each other.

Zhu et al. only discloses two blade members being parallel to each other in a closed configuration. Further, the two blades are never disclosed being parallel to each other in any open configuration. In fact, in an open configuration, the blades are disclosed as being oriented at an angle relative to each other, as opposed to being oriented parallel to each other.

Furnish et al. discloses a hand lever actuator for a forceps. The hand lever actuator includes an actuator rod coupled to an articulated member of a jaw configuration, wherein movement of the lever causes axial movement of the rod, thereby causing the articulated member of the jaw configuration to pivot between an open position and a closed position. In the open position, the articulated member of the jaw configuration is shown disposed apart in a "V" shape from the fixed member of the jaw configuration (see FIG. 1). Furnish et al. never discloses two members moving relative to each other in a parallel relationship. Further, the members are never disclosed being parallel to each other in an open configuration. In fact, in the open configuration, members 14 and 16 are disclosed as being oriented at an angle relative to each other, as opposed to being oriented parallel to each other.

The Office Action stated that Furnish shows a hand lever actuator for forceps. Hence, it would have been obvious to modify Vierra to use the actuator of Furnish, as it is merely the substitution of one known equivalent actuator for another. Obviousness cannot be established by combining the teachings of the prior art to produce the claimed invention, absent some teaching, suggestion or incentive supporting the combination. Together the Vierra et al. reference and the Zhu et al. reference do not provide any motivation, suggestion or teaching for an actuator configured to operate a spreader to selectively control the movement of first and second tissue engaging members among a first position, a second position and a third position, wherein the

first and second tissue engaging members are substantially parallel in the first position and at least one of the second and third positions as required in claim 5. All three references, Vierra et al., Zhu et al. and Furnish et al. only disclose moving a pair of tissue engaging members from a closed, parallel configuration to an open, spread apart, non-parallel “V” configuration. Therefore, the rejection of claim 5 as being unpatentable over Vierra et al. 5,749,892 in view of Zhu et al. 5,293,863 and further in view of Furnish et al. 5,498,256 should be withdrawn.

- (4) Claims 5, 27 and 36 are not obvious under 35 U.S.C. 103(a) over Vierra et al. 5,749,892 in view of Boone et al. 6,464,629, as applied to claims 1-4, 6, 8-18, 22, 32-35, 37, 39-50 and 63-68, further in view of Furnish 5,498,256.

The Office Action stated claims 5, 27 and 36 were not patentable under 35 U.S.C. 103(a) over Vierra et al. 5,749,892 in view of Boone et al. 6,464,629, as applied to claims 1-4, 6, 8-18, 22, 32-35, 37, 39-50 and 63-68, further in view of Furnish 5,498,256. The examiner noted that Boone et al. only qualifies as art under 35 U.S.C. 102(e). As such, based on the provisions of 35 YSC 103c, if applicant were to affirmatively state on the record that Boone et al. and the current application were commonly assigned or subject to an assignment to the same party, then the rejection based on Boone et al. would be withdrawn.

The assignments of record demonstrate that Boone et al. and the current application are both commonly assigned to the same party. The assignment for Boone et al. (U.S. Patent Application Serial No.09/396,047), naming Medtronic, Inc. as the assignee, was recorded at R10412/F0885 on November 17, 1999 at the United States Patent and Trademark Office. The assignment for the current application (U.S. Patent Application Serial No.09/678,203), naming Medtronic, Inc. as the assignee, was recorded at R012089/F0348 on August 17, 2001 at the United States Patent and Trademark Office. Therefore, the rejection based on Vierra et al. 5,749,892 in view of Boone et al. 6,464,629 and Furnish 5,498,256 should be withdrawn.

- (5) Claims 7, 29 and 38 are not obvious under 35 U.S.C. 103(a) over Vierra et al. 5,749,892 in view of Boone et al. 6,464,629, as applied to claims 1-4, 6, 8-18, 22, 32-35, 37, 39-50 and 63-68, further in view of Garrison et al. 5,613,937.

The Office Action stated claims 7, 29 and 38 were not patentable under 35 U.S.C. 103(a) over Vierra et al. 5,749,892 in view of Boone et al. 6,464,629, as applied to claims 1-4, 6, 8-18, 22, 32-35, 37, 39-50 and 63-68, further in view of Garrison et al. 5,613,937. The examiner noted that Boone et al. only qualifies as art under 35 U.S.C. 102(e). As such, based on the provisions of 35 YSC 103c, if applicant were to affirmatively state on the record that Boone et al. and the current application were commonly assigned or subject to an assignment to the same party, then the rejection based on Boone et al. would be withdrawn.

The assignments of record demonstrate that Boone et al. and the current application are both commonly assigned to the same party. The assignment for Boone et al. (U.S. Patent Application Serial No.09/396,047), naming Medtronic, Inc. as the assignee, was recorded at R10412/F0885 on November 17, 1999 at the United States Patent and Trademark Office. The assignment for the current application (U.S. Patent Application Serial No.09/678,203), naming Medtronic, Inc. as the assignee, was recorded at R012089/F0348 on August 17, 2001 at the United States Patent and Trademark Office. Therefore, the rejection based on Vierra et al. 5,749,892 in view of Boone et al. 6,464,629 and Garrison et al. 5,613,937 should be withdrawn.

- (6) Claims 19-21 are not obvious under 35 U.S.C. 103(a) over Vierra et al. 5,749,892 in view of Boone et al. 6,464,629, as applied to claims 1-4, 6, 8-18, 22, 32-35, 37, 39-50 and 63-68, further in view of Hossain et al. 6,063,021.

The Office Action stated claims 19-21 were not patentable under 35 U.S.C. 103(a) over Vierra et al. 5,749,892 in view of Boone et al. 6,464,629, as applied to claims 1-4, 6, 8-18, 22, 32-35, 37, 39-50 and 63-68, further in view of Hossain et al. 6,063,021. The examiner noted that Boone et al. only qualifies as art under 35 U.S.C. 102(e). As such, based on the provisions of 35 YSC 103c, if applicant were to affirmatively state on the record that Boone et al. and the current application were commonly assigned or subject to an assignment to the same party, then the rejection based on Boone et al. would be withdrawn.

The assignments of record demonstrate that Boone et al. and the current application are both commonly assigned to the same party. The assignment for Boone et al. (U.S. Patent Application Serial No.09/396,047), naming Medtronic, Inc. as the assignee, was recorded at R10412/F0885 on November 17, 1999 at the United States Patent and Trademark Office. The

assignment for the current application (U.S. Patent Application Serial No.09/678,203), naming Medtronic, Inc. as the assignee, was recorded at R012089/F0348 on August 17, 2001 at the United States Patent and Trademark Office. Therefore, the rejection based on Vierra et al. 5,749,892 in view of Boone et al. 6,464,629 and Hossain et al. 6,063,021 should be withdrawn.

- (7) Claims 19-21 are not obvious under 35 U.S.C. 103(a) over Vierra et al. 5,749,892 in view of Zhu et al. 5,293,863, as applied to claims 1-4, 6, 8-18, 22 and 50-56, further in view of Hossain et al. 6,063,021.

Vierra et al. only discloses two members being parallel to each other in a closed configuration. In an open configuration, the members are disclosed as being preferably oriented at an angle relative to each other, as opposed to being oriented parallel to each other. Therefore, the two members are not disclosed as to move in a parallel relationship to each other.

Zhu et al. only discloses two blade members being parallel to each other in a closed configuration. Further, the two blades are never disclosed being parallel to each other in any open configuration. In fact, in an open configuration, the blades are disclosed as being oriented at an angle relative to each other, as opposed to being oriented parallel to each other.

Hossain et al. discloses a device having two members hinged together so that one member can rotate relative to the other member (see column 2, lines 1-7). The members are shaped to form a continuous closed loop having a central opening (see column 2, lines 11-15). The Hossain et al. reference teaches away from two members in parallel arrangement and, instead, claims a benefit for a continuous, closed loop, which can be removed readily after anastomosis of a graft (see column 1, lines 45-53).

Obviousness cannot be established by combining the teachings of the prior art to produce the claimed invention, absent some teaching, suggestion or incentive supporting the combination. Together the Vierra et al. reference, the Zhu et al. reference and the Hossain et al. reference do not provide any motivation, suggestion or teachings for an actuator configured to operate a spreader to selectively control the movement of first and second tissue engaging members among a first position, a second position and a third position, wherein the first and second tissue engaging members are substantially parallel in the first position and at least one of the second and third positions as required in claims 19-21. Therefore, the rejection of claims 19-21 based on

Vierra et al. 5,749,892 in view of Zhu et al. 5,293,863 and further in view of Hossain et al. 6,063,021 should be withdrawn.

- (8) Claims 23-26, 28, 30-35, 37, 39-50 and 57-68 are not obvious under 35 U.S.C. 103(a) over Vierra et al. 5,749,892 in view of Zhu et al. 5,293,863, further in view of Goldstein 4,635,636.

Vierra et al. only discloses two members being parallel to each other in a closed configuration. In an open configuration, the members are disclosed as being preferably oriented at an angle relative to each other, as opposed to being oriented parallel to each other. Therefore, the two members are not disclosed as to move in a parallel relationship to each other.

Zhu et al. only discloses two blade members being parallel to each other in a closed configuration. Further, the two blades are never disclosed being parallel to each other in any open configuration. In fact, in an open configuration, the blades are disclosed as being oriented at an angle relative to each other, as opposed to being oriented parallel to each other.

Goldstein discloses a microspike surgical approximator for approximating the ends of ducts or vessels being anastomosed microsurgically. The approximator includes a pair of clamps 30 for holding two ends of a duct or vessel in apposition during anastomosis (see col. 3, lines 38-42 and col. 4, lines 1-4). Each clamp 30 includes a stationary blade 32 and a pivoted blade 34 that is movable with respect to the stationary blade (see col. 4, lines 31-33). Each approximating clamp 30 terminates in a generally curved jaw segment 60, 62 (see col. 4, lines 57-59). Each clamp 30 form a generally annular duct or vessel receiving aperture 64 (see col. 4, lines 61-63). A plurality of microspikes 66 protrude inwardly from the inner surface of each blade (see col. 2, lines 59-62 and col. 4, lines 63-67). Goldstein never discloses the two blades of a duct or vessel clamp moving relative to each other in a parallel relationship. Further, the blades are never disclosed being parallel to each other in any open configuration. In fact, since the blades are pivotally coupled together, in an open configuration, the blades would be oriented at an angle relative to each other, as opposed to being oriented parallel to each other.

Obviousness cannot be established by combining the teachings of the prior art to produce the claimed invention, absent some teaching, suggestion or incentive supporting the combination. It is respectfully submitted that one of ordinary skill in the art would not combine the disparate

teachings of the three different devices, i.e., a device to stabilize tissue, a device to create surgical access and a device to approximate the ends of a duct or vessel, to arrive at the invention of claims 23-26, 28, 30-35, 37, 39-50 and 57-68.

In addition, the Vierra et al. reference, the Zhu et al. reference and the Goldstein reference together do not provide any motivation, suggestion or teaching for a spreader coupled to a first tissue engaging member and coupled to a second tissue engaging member, a spreader positioned on an arm distal end, the spreader coupled to an actuator, the spreader configured to move the first tissue engaging member among a first position, a second position, and a third position, and the second tissue engaging member among a first position, a second position, and a third position so a selective amount of substantially parallel spreading occurs as required in claims 23-26, 28, 30 and 57-59.

In addition, the Vierra et al. reference, the Zhu et al. reference and the Goldstein reference together do not provide any motivation, suggestion or teaching for a means for spreading coupled to a first tissue engaging member and coupled to a second tissue engaging member, means for spreading coupled to an arm distal end and an actuator, the means for spreading configured to move the first tissue engaging member among a first position, a second position, and a third position, and the second tissue engaging member among a first position, a second position, and a third position so a selective amount of substantially parallel spreading occurs as required in amended claims 31 and 60-62.

In addition, the Vierra et al. reference, the Zhu et al. reference and the Goldstein reference together do not provide any motivation, suggestion or teaching for controlling the spreading of a first tissue engaging member away from a second tissue engaging member from a remote location outside a patient's body, so a selective amount of substantially uniform parallel spreading occurs as required in claims 32-35, 37, 39-47, 63 and amended claims 64-65.

In addition, the Vierra et al. reference, the Zhu et al. reference and the Goldstein reference together do not provide any motivation, suggestion or teaching for spreading a first tissue engaging member away from a second tissue engaging member while maintaining the first tissue engaging member substantially parallel to the second tissue engaging member a second distance after the first tissue engaging member has been coupled to a first tissue surface and second tissue engaging member has been coupled to a second tissue surface to place the substantially immobilized tissue under tension within a patient's body as required in claims 48-50 and 66-68.

Therefore, the rejection of claims 23-26, 28, 30-35, 37, 39-50 and 57-68 based on Vierra et al. 5,749,892 in view of Zhu et al. 5,293,863 and further in view of Goldstein 4,635,636 should be withdrawn.

- (9) Claims 27 and 36 are not obvious under 35 U.S.C. 103(a) over Vierra et al. 5,749,892 in view of Zhu et al. 5,293,863 and Goldstein 4,635,636, as applied to claims 23-26, 28, 30-35, 37, 39-50 and 57-68, further in view of Furnish 5,498,256.

Vierra et al. only discloses two members being parallel to each other in a closed configuration. In an open configuration, the members are disclosed as being preferably oriented at an angle relative to each other, as opposed to being oriented parallel to each other. Therefore, the two members are not disclosed as to move in a parallel relationship to each other.

Zhu et al. only discloses two blade members being parallel to each other in a closed configuration. Further, the two blades are never disclosed being parallel to each other in any open configuration. In fact, in an open configuration, the blades are disclosed as being oriented at an angle relative to each other, as opposed to being oriented parallel to each other.

Goldstein discloses duct or vessel approximating clamps having two blades pivotally coupled together. The two blades are never disclosed as being parallel to each other in any open configuration. In fact, since the blades are pivotally coupled together, in an open configuration, the blades would be oriented at an angle relative to each other, as opposed to being oriented parallel to each other.

Furnish et al. discloses a hand lever actuator for a forceps. Furnish et al. never discloses two members moving relative to each other in a parallel relationship. Further, the members are never disclosed being parallel to each other in an open configuration. In fact, in the open configuration, the members disclosed as being oriented at an angle relative to each other, as opposed to being oriented parallel to each other.

Obviousness cannot be established by combining the teachings of the prior art to produce the claimed invention, absent some teaching, suggestion or incentive supporting the combination. Together the Vierra et al. reference, the Zhu et al. reference, the Goldstein reference and the Furnish et al. reference do not provide any motivation, suggestion or teaching for a spreader

coupled to a first tissue engaging member and coupled to a second tissue engaging member, a spreader positioned on an arm distal end, the spreader coupled to an actuator, the spreader configured to move the first tissue engaging member among a first position, a second position, and a third position, and the second tissue engaging member among a first position, a second position, and a third position so a selective amount of substantially parallel spreading occurs as required in claim 27.

The Vierra et al. reference, the Zhu et al. reference, the Goldstein reference and the Furnish et al. reference together do not provide any motivation, suggestion or teaching for controlling the spreading of a first tissue engaging member away from a second tissue engaging member from a remote location outside a patient's body, so a selective amount of substantially uniform parallel spreading occurs as required in claim 36.

Therefore, the rejection of claims 27 and 36 based on Vierra et al. 5,749,892 in view of Zhu et al. 5,293,863 and Goldstein 4,635,636 and further in view of Furnish et al. 5,498,256 should be withdrawn.

- (10) Claims 29 and 38 are not obvious under 35 U.S.C. 103(a) over Vierra et al. 5,749,892 in view of Zhu et al. 5,293,863 and Goldstein 4,635,636, as applied to claims 23-26, 28, 30-35, 37, 39-50 and 57-68, further in view of Garrison et al. 5,613,937.

Vierra et al. only discloses two members being parallel to each other in a closed configuration. In an open configuration, the members are disclosed as being preferably oriented at an angle relative to each other, as opposed to being oriented parallel to each other. Therefore, the two members are not disclosed as to move in a parallel relationship to each other.

Zhu et al. only discloses two blade members being parallel to each other in a closed configuration. Further, the two blades are never disclosed being parallel to each other in any open configuration. In fact, in an open configuration, the blades are disclosed as being oriented at an angle relative to each other, as opposed to being oriented parallel to each other.

Goldstein discloses duct or vessel approximating clamps having two blades pivotally coupled together. The two blades are never disclosed as being parallel to each other in any open configuration. In fact, since the blades are pivotally coupled together, in an open configuration,

the blades would be oriented at an angle relative to each other, as opposed to being oriented parallel to each other.

Obviousness cannot be established by combining the teachings of the prior art to produce the claimed invention, absent some teaching, suggestion or incentive supporting the combination. Applicants respectfully submit that Garrison et al. does not cure the deficiencies of Vierra et al., Zhu et al. and Goldstein. Therefore, the Vierra et al. reference, the Zhu et al. reference, the Goldstein reference and the Garrison et al. reference together do not provide any motivation, suggestion or teaching for a spreader coupled to a first tissue engaging member and coupled to a second tissue engaging member, a spreader positioned on an arm distal end, the spreader coupled to an actuator, the spreader configured to move the first tissue engaging member among a first position, a second position, and a third position, and the second tissue engaging member among a first position, a second position, and a third position so a selective amount of substantially parallel spreading occurs as required in claim 29.

The Vierra et al. reference, the Zhu et al. reference, the Goldstein reference and the Garrison et al. reference together do not provide any motivation, suggestion or teaching for controlling the spreading of a first tissue engaging member away from a second tissue engaging member from a remote location outside a patient's body, so a selective amount of substantially uniform parallel spreading occurs as required in claim 38.

Therefore, the rejection of claims 29 and 38 based on Vierra et al. 5,749,892 in view of Zhu et al. 5,293,863 and Goldstein 4,635,636 and further in view of Garrison et al. 5,613,937 should be withdrawn.

Support for this amendment is clearly found in the application as originally filed. No new matter is presented.

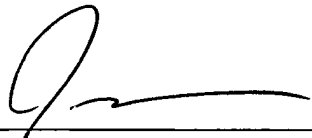
Examination and reconsideration of the application as amended is requested. After amending the claims as set forth above, claims 1-68 are pending in the application and are now believed to be in condition for allowance. Favorable reconsideration of the application as amended is respectfully requested.

A request for a three (3) month extension of time under 37 C.F.R. 1.136(a) has been filed with this amendment. Please charge to Deposit Account No. 13-2546 the fee of \$1020.00 which is required for the three-month extension of time.

If the Examiner comes to believe that a telephone conversation may be useful in addressing any remaining open issues in this case, the Examiner is urged to contact the undersigned agent at 763-391-9867.

If any additional fee is required in connection with these papers, please charge such fee to Deposit account No. 13-2546.

Date 2/2/06

By 
James R. Keogh
Reg. No. 44,824
MEDTRONIC, INC.
MS LC340
710 Medtronic Parkway
Minneapolis, MN 55432
Tel. 763.391.9867
Fax. 763.391.9668
Customer No. 27581